

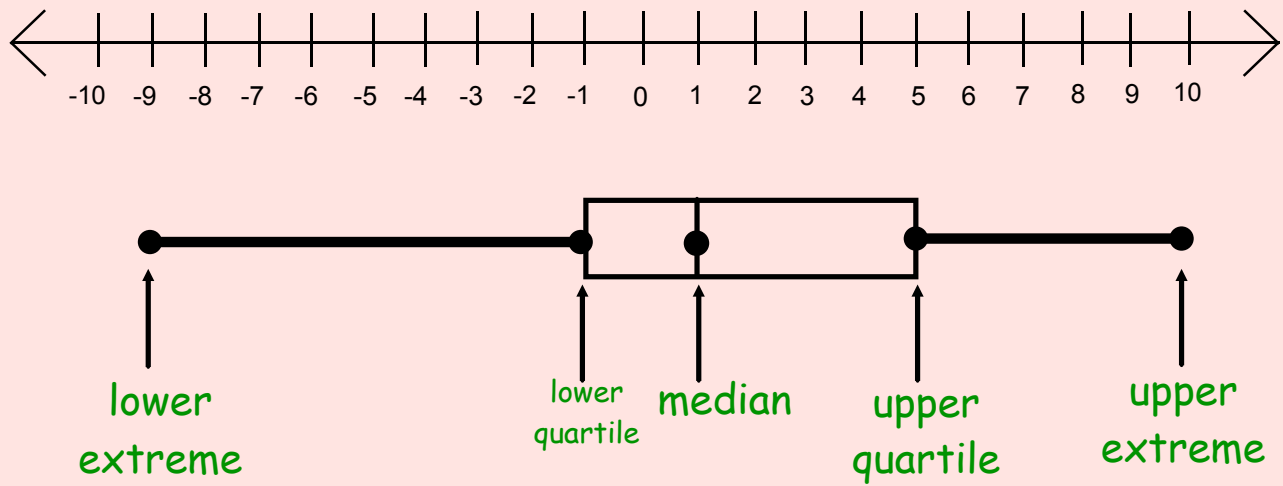


**BOX  
AND  
WHISKER  
PLOTS**

**THIS TIME WE  
CONSTRUCT &  
READ THEM!!**



## FIRST, LET'S REVIEW . . .



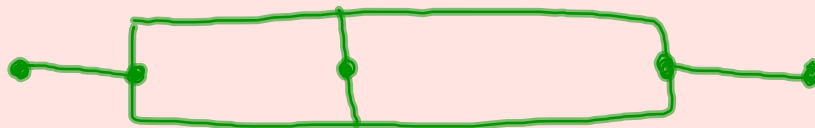
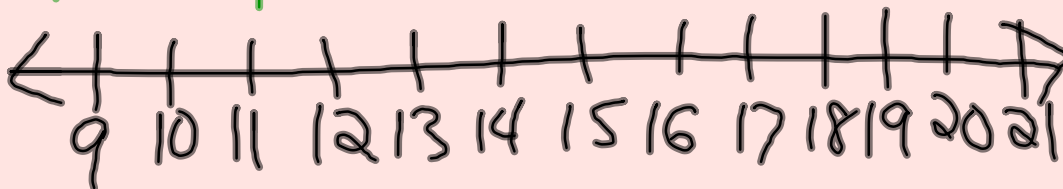
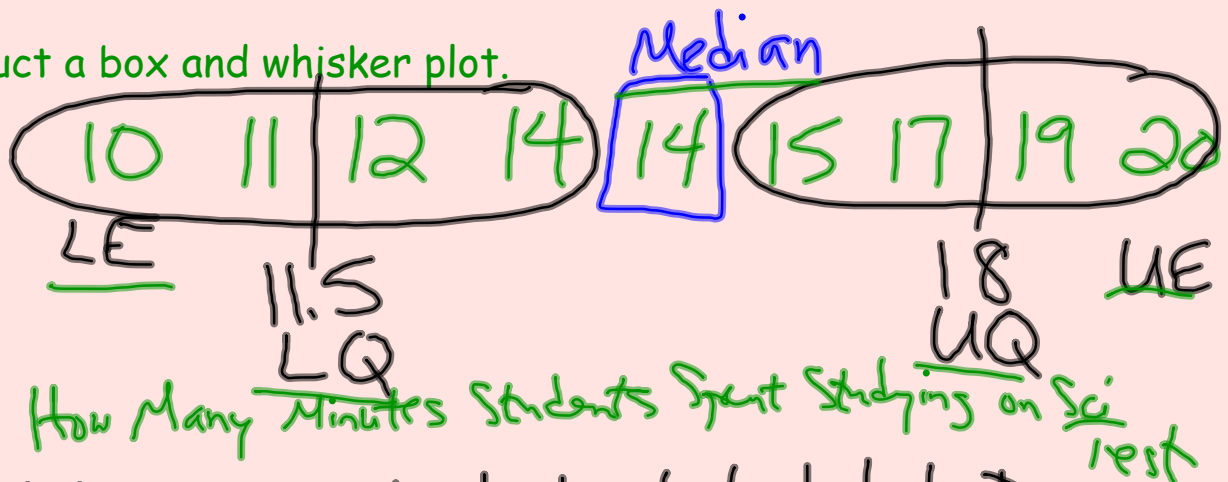
EditReset

Constructing a Box and Whisker Plot?

- 1 Order the data from least to greatest.
- 2 Find the median data set.
- 3 Find the median of the lower half of the data.  
(lower quartile)
- 4 Find the median of the upper half of the data.  
(upper quartile)
- 5 Draw a number line, plot the points, and add a title.

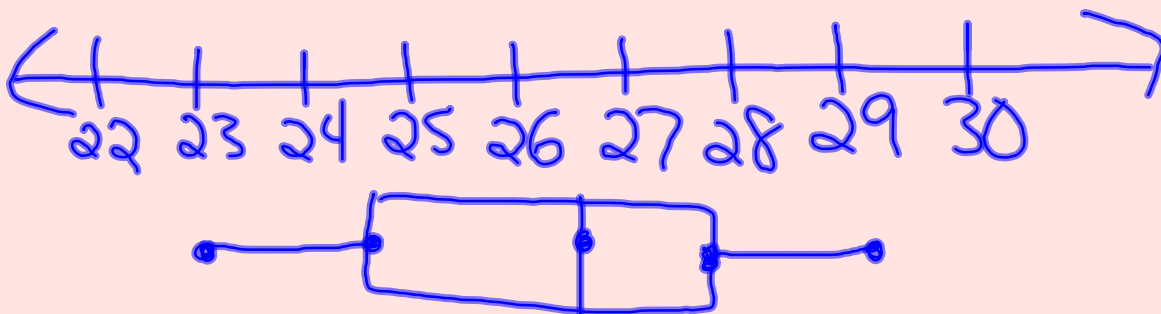
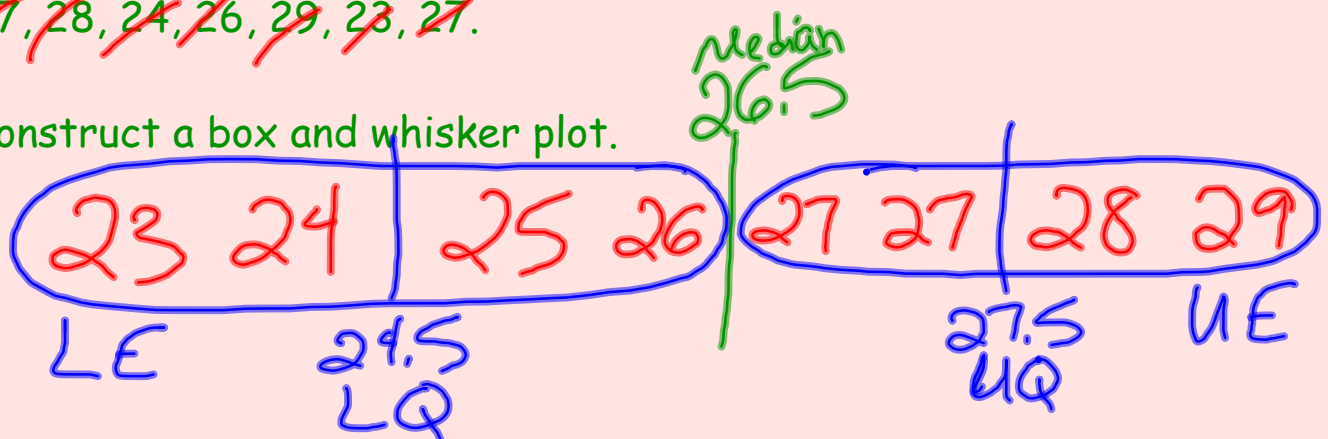
Students were surveyed to find out how many minutes they spent studying for the science test. The answers were: ~~20, 19, 17, 10, 11, 12, 14, 14, 15.~~

Construct a box and whisker plot.



Teachers were surveyed to find out how many parents showed up for their parent-teacher conference. The results were: ~~25~~, ~~27~~, ~~28~~, ~~24~~, ~~26~~, ~~29~~, ~~23~~, ~~27~~.

Construct a box and whisker plot.



Planner Time !!!!